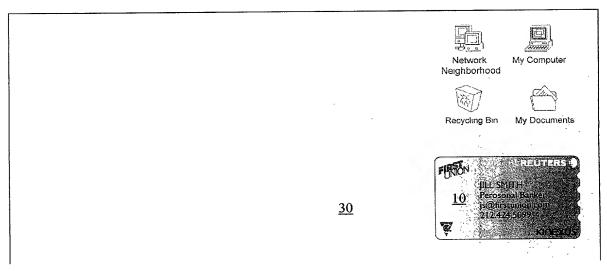


*FIG. 1* 



**FIG. 2** 

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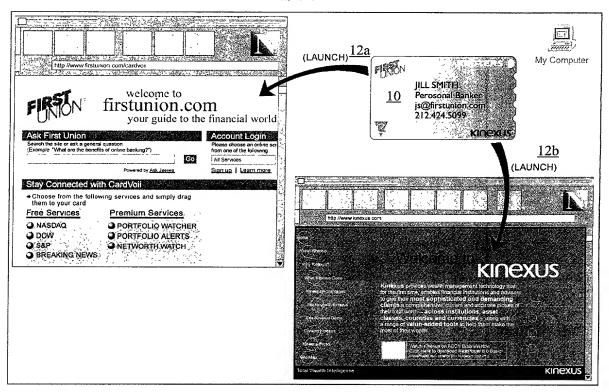
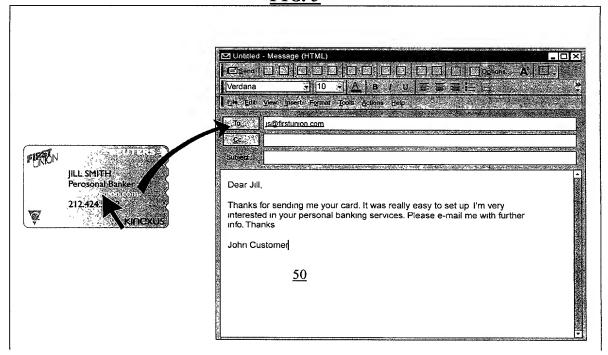


FIG. 3



*FIG. 4* 

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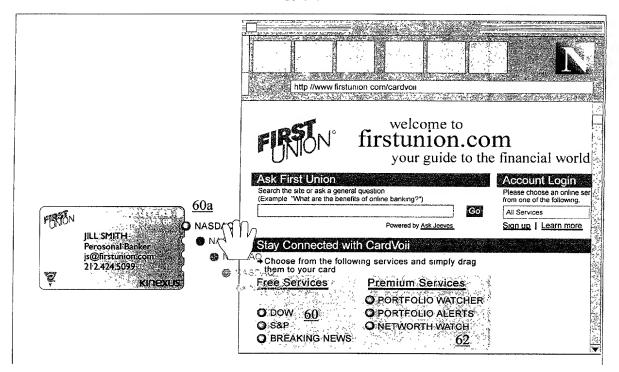
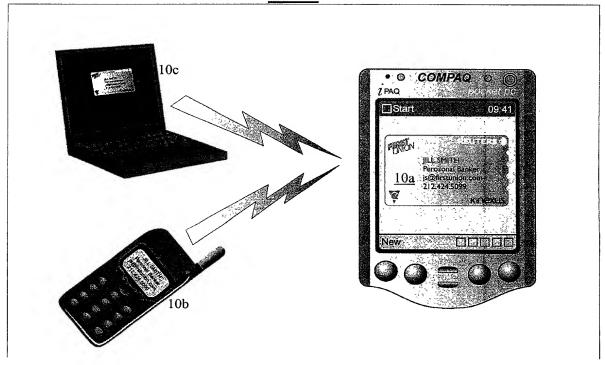
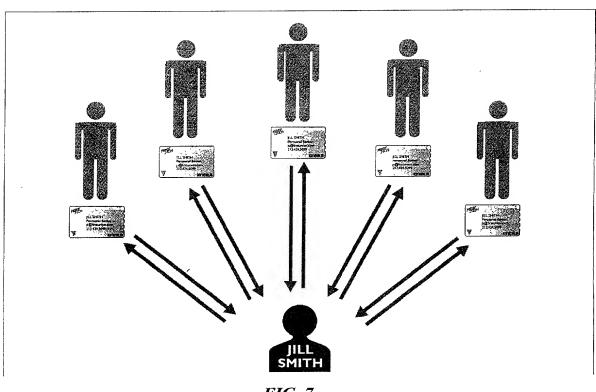


FIG. 5



*FIG.* 6



<u>FIG. 7</u>

### METHOD AND APPARATUS FOR A DISTRIBUTABLE ENVOII OBJECT

Michael Tolson Filed 08-May-01 LOJAQ Attorney Docket No: 507.000110US; SJL Tel. No. 510-337-7871

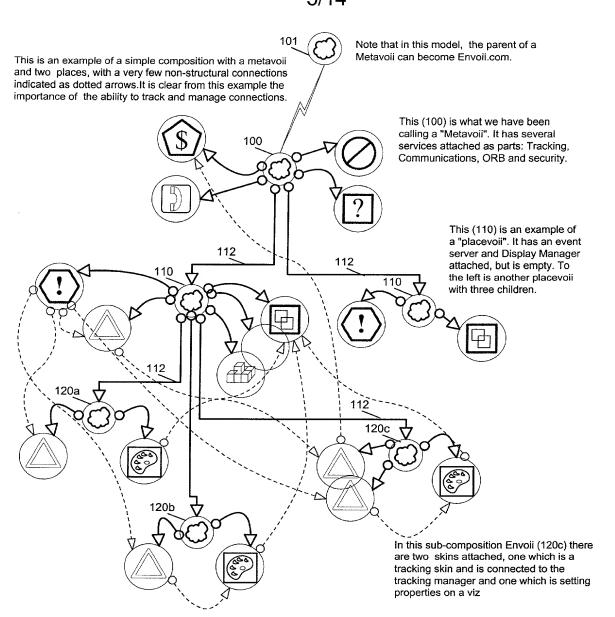


FIG. 8

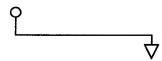
#### METHOD AND APPARATUS FOR A DISTRIBUTABLE ENVOIL OBJECT

Michael Tolson Filed 08-May-01 LOJAQ Attorney Docket No: 507.000110US; SJL Tel. No. 510-337-7871

### 6/14



These are Envoiis (or "Enodes"). As an instance of a class, it provides generic graph interface. The connection points are representative of open set of "ports" which enable connections to other enodes.



This is a "Kid" connection, which is a specialization of a "Part" connection. It is the primary glue which is used by designers in building compositions. It effectively help implement a tree-hierarchy as in the current system.



This is a "Part" connection. Part connections are structural, and enforce a part/part-c protocol.



This is a representative dynamic connection. Some such connections may be transient, and others not.

This is a "skin", and it bears a part-of relationship to an envoy.



This is a "Viz" and it bears a part-of relationship to an envoy.

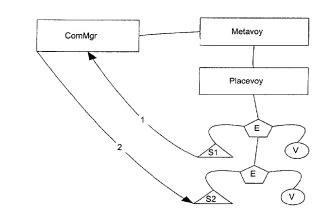


This is a "DisplayManager". It is a part of an envoy which provides a rendering service.



This is an "Event Service".

### FIG. 9





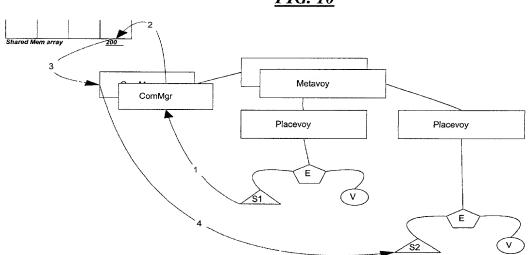
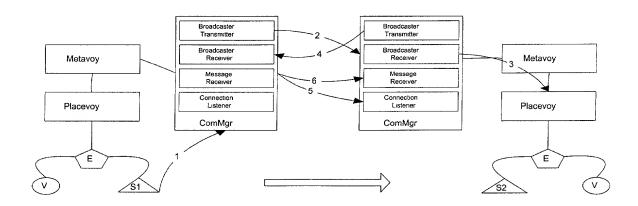


FIG. 11

LOJAQ Attorney Docket No: 507.000110US; SJL Tel. No. 510-337-7871

8/14



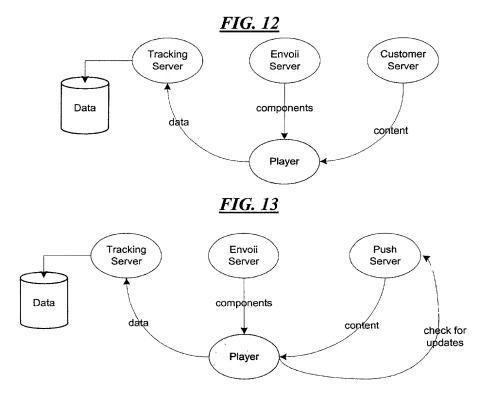
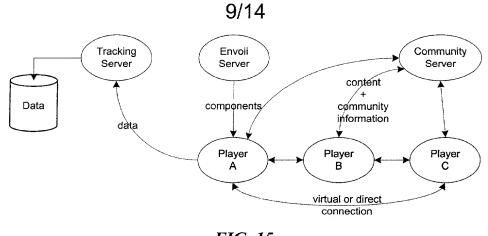
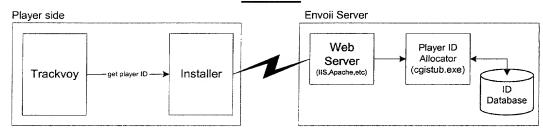


FIG. 14

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### FIG. 15



*FIG. 16* 

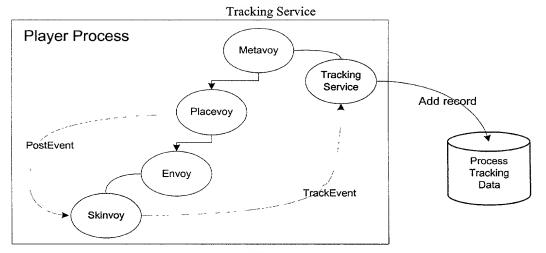


FIG. 17

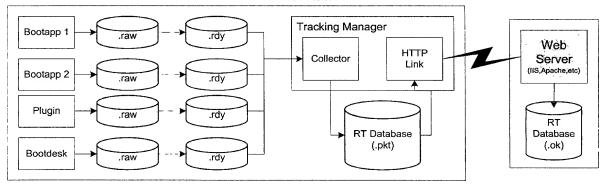


FIG. 18

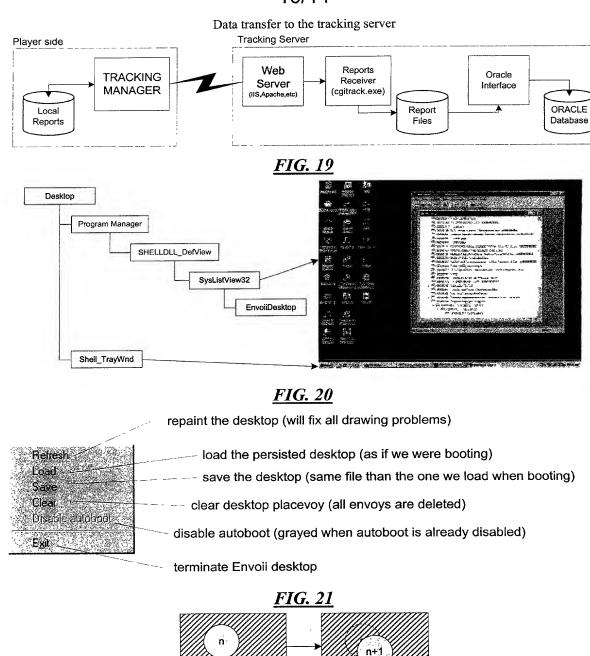
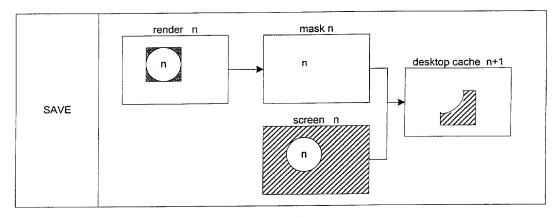


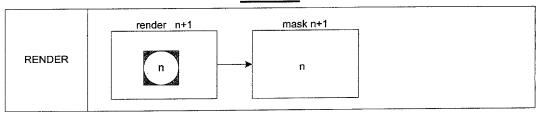
FIG. 22

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### 11/14



### FIG. 23



### FIG. 24

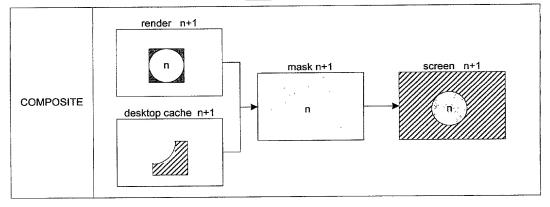


FIG. 25

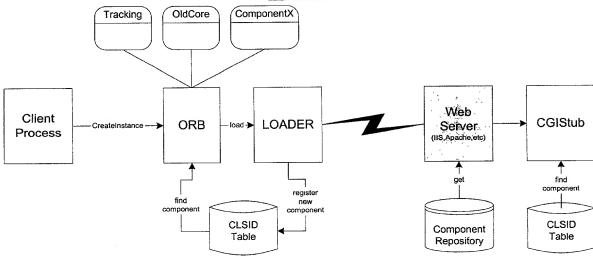


FIG. 26

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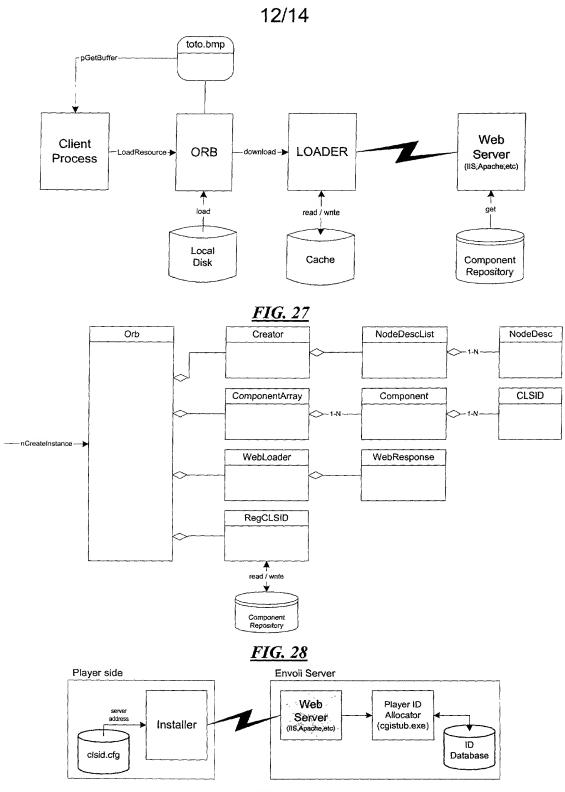


FIG. 29

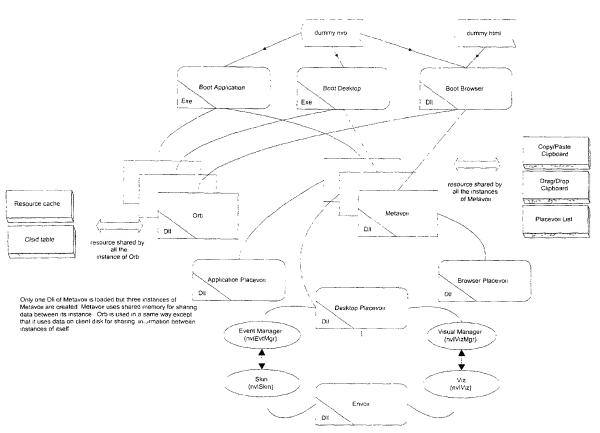


FIG. 310

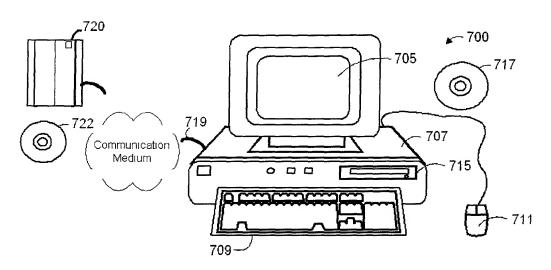


FIG. 31